

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-429
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1990 model-year Ford Motor Company exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family: LFM5.8T5HAC5 Displacement: 5.0 Liters (302 Inches³)
5.8 Liters (352 Inches³)

Equipped with the following exhaust emission control systems:

Exhaust Gas Recirculation
Heated Oxygen Sensor
Three-way Catalyst
Oxidation Catalyst
Secondary Air Injection
Multipoint Electronic Fuel Injection
On-Board Diagnostics (Exempted)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Hydrocarbons (Grams per Mile)</u>	<u>Carbon Monoxide (Grams per Mile)</u>	<u>Nitrogen Oxides (Grams per Mile)</u>
3751-5750	0.50	9.0	1.0

The following are the certification emission values for this engine family:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Hydrocarbons (Grams per Mile)</u>	<u>Carbon Monoxide (Grams per Mile)</u>	<u>Nitrogen Oxides (Grams per Mile)</u>
3751-5750	0.20	3.5	0.9

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

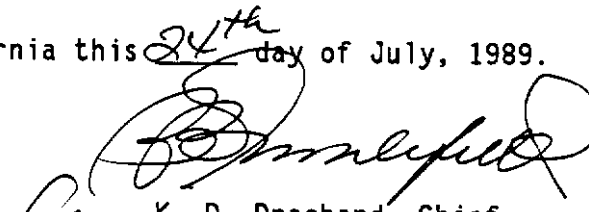
BE IT FURTHER RESOLVED: That the vehicle models listed have been granted an exemption from compliance with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions of California Health and Safety Code Section 43205.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this ^{24th} day of July, 1989.


K. D. Drachand, Chief
Mobile Source Division

Manufacturer FORD MOTOR COMPANY Eng. Family LFM5.8T5HAC5Pass Cars___ Lt-Duty Trucks X Med-Duty Vehicles___ Gas X Diesel___Eng. Type V8 Liter (CID) 5.0L Evap. Family 9HM-07Emission Control Sys. (Use SAE Abbrev.) TWC+OC, AIR, HO2S, EGR, MPIEngine: Front X Mid. ___ Rear ___ Drive: FWD ___ RWD X 4WD-FT ___ 4WD-PT X

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. Sys. (ECU/PROM) Part No. (12A650)	EGR Syst. Part No (9F483)	Catalyst Part No. (5F250)
154PROON	Bronco 4X4	A-E40D	5000	#	FOTF-BDA	E7TE-FA	FOTA-FA
A	" "		5250				
N	F150 RKS 4X2		4250				FOTA-EA
A	RKS		4500				
A/N	RKL		4500				E8TA-LB
A/N	SKS		4750				(ALT)
N	SKL		4750				
A	SKL		5000				
A/N	F150 RKS 4X4		4500				
A/N	RKL		4750				
A/N	SKS		5000				
N	SKL		5000				
A	SKL		5250				
N	F250 RKL 4X2		4750				
A	RKL		5000				
N	F250 RKL 4X4		5000				
A	RKL		5250				

N Non A/C

A A/C

Refer to HP list for settings based on model and equipment (20.09.17.02-5).

Engine Family: L5.8TAC

20.09.17.02 - 8

Issued: 01-11-90

R/C 5.0-102

Revised:

Manufacturer FORD MOTOR COMPANY Eng. Family LFM5.8T5HAC5Pass Cars Lt-Duty Trucks X Med-Duty Vehicles Gas X Diesel Eng. Type V8 Liter (CID) 5.0L Evap. Family 9HM-07Emission Control Sys. (Use SAE Abbrv.) TWC+OC, AIR, HO2S, EGR, MPI, OBDEngine: Front X Mid. Rear Drive: FWD RWD X 4WD-FT 4WD-PT X

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. Sys. (ECU/PROM) Part No. (12A650)	EGR Syst. Part No (9F483)	Catalyst Part No. (5F250)
954RR10A/N	BRONCO 4X4	AUTO	5000	#	E9TF-AMA	E7TE-FA	FOTA-FA
	F150 4X4						
	RKL		4750				FOTA-EA
	RKS		4500				
	SKL		5000				
	SKS		5000				
	F250 4X4						
N A	RKL		5000				FOTA-EA
	RKL		5250				

N Non A/C

A A/C

Refer to HP list for settings based on model and equipment (20.09.17.02-5).

Engine Family: L58TAC

20.09.17.02 - 2

Issued: 7-12-89

Revised:

Manufacturer FORD MOTOR COMPANY Eng. Family LFM5.8T5HAC5Pass Cars Lt-Duty Trucks X Med-Duty Vehicles Gas X Diesel Eng. Type V8 Liter (CID) 5.0L Evap. Family 9HM-07Emission Control Sys. (Use SAE Abbrv.) TWC+OC, AIR, HO2S, EGR, MPL, DSDEngine: Front X Mid. Rear Drive: FWD RWD X 4WD-FT 4WD-PT X

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. Sys. (ECU/PROM) Part No. (12A650)	EGR Syst. Part No (9F483)	Catalyst Part No. (5F250)
954SR10A/N	F150 4X2	AUTO		#	E9TF-AJA	E7TE-FA	FOTA-EA
	RKL		4500				
	RKS		4250				
	SKL		4750				
N	SKS		4500				
A	SKS		4750				
	F250 4X2						
	RKL		4750				

N Non A/C

A A/C

Refer to HP list for settings based on model and equipment (20.09.17.02-5).

Engine Family: L58TAC

20.09.17.02 - 3

Issued: 7-12-89

Revised:

Manufacturer FORD MOTOR COMPANY Eng. Family LFM5.8T5HAC5Pass Cars Lt-Duty Trucks X Med-Duty Vehicles Gas X Diesel Eng. Type V8 Liter (CID) 5.0L Evap. Family 9HM-07Emission Control Sys. (Use SAE Abbrev.) TWC+OC, AIR, HO2S, EGR, MPI, OBDEngine: Front X Mid. Rear Drive: FWD RWD X 4WD-FT 4WD-PT

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. Sys. (ECU/PROM) Part No. (12A650)	EGR Syst. Part No (9F483)	Catalyst Part No. (5F250)
954TR10A/N	E150 4X2	AUTO		#	E9TF-ANA	E7TE-FA	E8UA-NA
N	RVL		4750				
N	RVS		4250				
A	RVL		5000				
A	RVS		4500				
N	SVL		5000				
A	SVL		5250				
	CWL		5250				
	E250 4X2						
N	RVL		5000				
A	RVL		5250				
N	SVL		5250				
A	SVL		5000				

N Non A/C

A A/C

Refer to HP list for settings based on model and equipment (20.09.17.02-5).

Engine Family: L58TAC

20.09.17.02 - 4

Issued: 7-12-89

Revised: